

Claims

1. A method for the identification of a single proof copy (09) with a printed image of defective quality on an imprinted material (03) containing several proof copies (09), wherein an image of at least a portion of the imprinted material (03) is taken by means of photography, and data correlated with the photograph taken are checked to the effect whether an error reducing the quality of the printed image exists on the imprinted material (03) wherein, making reference to the imprinted material (03), information regarding the location of the proof copy (09) having the error which reduces the quality of the printed image is developed, characterized in that the location of the proof copy (09) having the error which reduces the quality of the printed image is determined by a comparison of the data correlated with the photographed image with an electronically generated data set containing information regarding the arrangement, form or size of the individual proof copies (09) arranged on the imprinted material (03).

2. The method in accordance with claim 1, characterized in that the electronically generated data set is not obtained from an image obtained by means of photography.

3. The method in accordance with claim 1, characterized in that the electronically generated data set is prepared in the course of a process step, in which the imprinted material (03) is processed.

4. The method in accordance with claim 1, characterized in that the electronically generated data set is obtained in connection with the production of a punch matrix for separating the proof copies (09) from the imprinted material (03).

5. The method in accordance with claim 1, characterized in that the electronically generated data set is generated by means of a CAD system.

6. The method in accordance with claim 1, characterized in that the detected proof copy (09) containing the error which reduces the quality of the printed image is marked.

7. The method in accordance with claim 1, characterized in that numbers or other identifying markings are applied to the detected proof copy (09) containing the error which reduces the quality of the printed image.

8. The method in accordance with claim 1, characterized in that the detected proof copy (09) containing the error which reduces the quality of the printed image is displayed on a monitor (06).

9. The method in accordance with claim 1, characterized in that the detected proof copy (09) containing the error which reduces the quality of the printed image is separated from the remaining proof copies (09) in a process step which follows the printing process.

10. The method in accordance with claim 1, characterized in that the detected proof copy (09) containing the error which reduces the quality of the printed image is punched out of the imprinted material (03).

11. A method for the identification of a single proof copy (09) with a printed image of defective quality on an imprinted material (03) containing several proof copies (09), wherein an inspection system records an image of the imprinted material (03) by means of a camera (01) and processes data of the image taken in an image processing system (04), wherein the image processing system (04) compares the data from the image taken with a data set relating to individual proof copies (09) on the imprinted material (03), characterized in that the image processing system (04) performs the comparison with a data set regarding the shape of the individual proof copies (09) on the imprinted material (09), wherein the data set stems from the making of a punch matrix for separating the proof copies (09) from the imprinted material (03).

12. The method in accordance with claim 11, characterized in that the image taken of the imprinted material (03) is overlaid in the image processing system (04) with an image obtained from the data set.

13. The method in accordance with claim 11, characterized in that the image processing system (04) compares the data from the recorded image with a data set regarding the position of the individual proof copies (09) on the imprinted material (03).

14. The method in accordance with claim 11, characterized in that a proof copy (09), which does not agree with the form specified by the data set, is marked by a marking device (08).

15. The method in accordance with claim 14, characterized in that the marking device (08) is controlled by the image processing system (04).

16. The method in accordance with claim 14, characterized in that the marking device (08) applies numbers or other identifying markings to the proof copy (09) containing a printed image of defective quality.

17. The method in accordance with claim 11, characterized in that a proof copy (09) which does not agree with the form specified by the data set is displayed on a monitor (06).